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Internet protocol routing and asynchronous transfer mode packet switching system, forwards ATM cell to packet forwarding and routing control ATM circuit or cut through ATM circuit based on flow situation

Patent Assignee: HITACHI LTD (HITA)

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Patent Family:

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JP 2000059397	A	20000225	JP 98244397	A	1998081	200021 B

Priority Applications (No Type Date): JP 98244397 A 19980814

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000059397	A	9	H04L-012/28	

Abstract (Basic): JP 2000059397 A

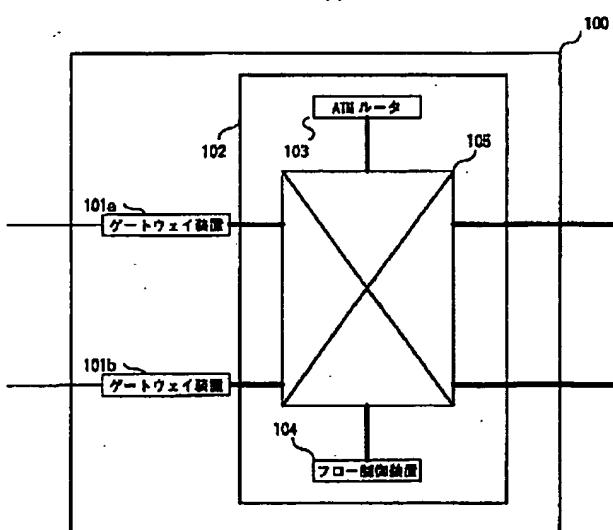
NOVELTY - The asynchronous transfer mode (ATM) cell is decompressed based on packet input via ATM switch from gateway apparatus. The address of packet is determined based on routing protocol and the packet is converted to the ATM cell and output to ATM switch. The ATM cell is forwarded to packet forwarding and routing control ATM circuit or cut through ATM circuit based on flow situation.

USE - Internet protocol routing and asynchronous transfer mode packet switching system for packet communication.

ADVANTAGE - Reduces process retardation in connection with cut through establishment and release. Provides packet switching system with high packet switch capability. **DESCRIPTION OF DRAWING(S)** - The figure shows the packet switching system.

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Title Terms: PROTOCOL; ROUTE; ASYNCHRONOUS; TRANSFER; MODE; PACKET; SWITCH; SYSTEM; FORWARD; ATM; CELL; PACKET; FORWARDING; ROUTE; CONTROL; ATM; CIRCUIT; CUT; THROUGH; ATM; CIRCUIT; BASED; FLOW; SITUATE

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